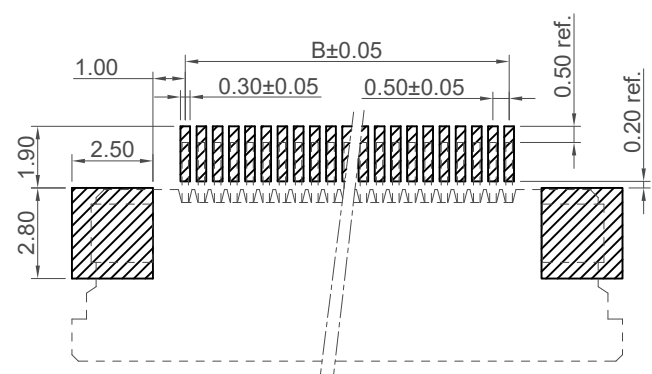
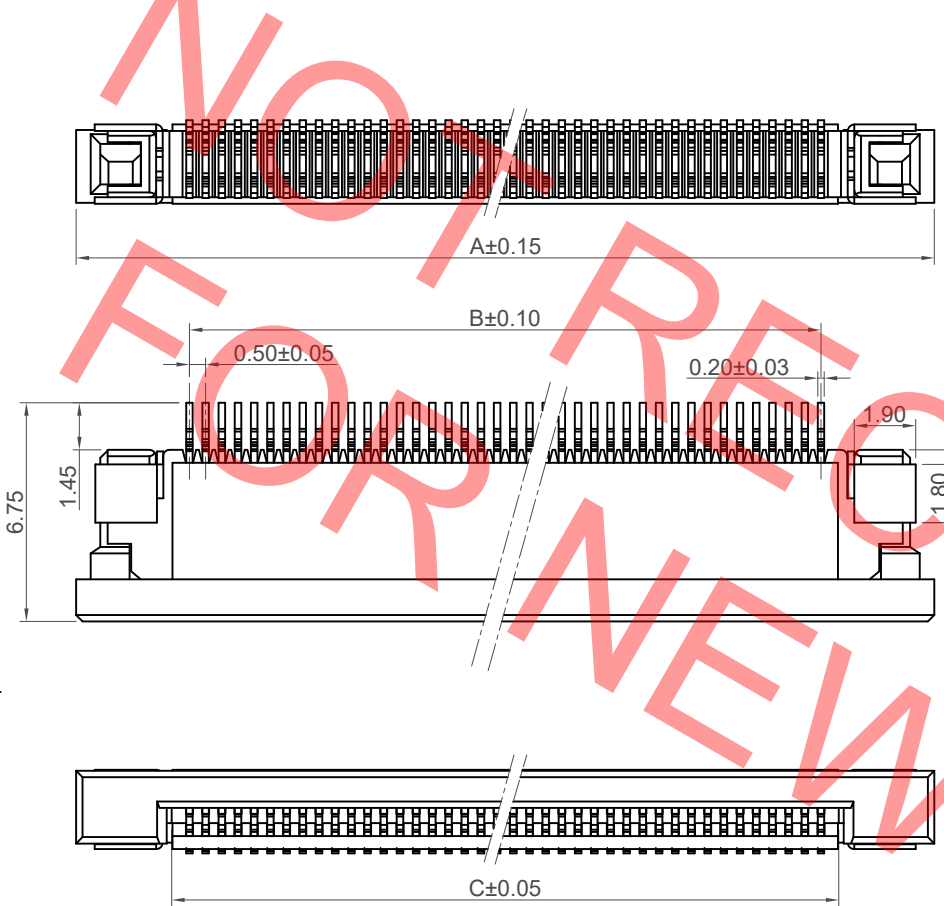
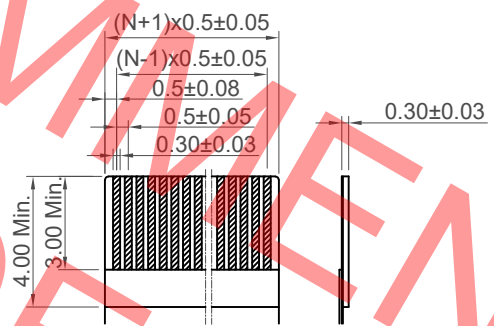


H
G
F
E
D
C
B
A



Recommended PCB Layout
as viewed from component side
Solder Area Component Outline



Recommended FFC/FPC Dimensions
Thickness 0.30±0.03

No. of Contacts	Dimensions		
	A	B	C
41	27.0	20.00	21.10
42	27.5	20.50	21.60
43	28.0	21.00	22.10
44	28.5	21.50	22.60
* 45	29.0	22.00	23.10
46	29.5	22.50	23.60
47	30.0	23.00	24.10
48	30.5	23.50	24.60
49	31.0	24.00	25.10
* 50	31.5	24.50	25.60
51	32.0	25.00	26.10
52	32.5	25.50	26.60
53	33.0	26.00	27.10
* 54	33.5	26.50	27.60

* = Toolled Parts
Please contact GCT for non-tooled parts

Specification:

Material:

Housing Material: LCP, UL 94V-0, Natural
Actuator: LCP, UL 94V-0, Black
Contact: Phosphor Bronze, C5191-H
Fitting Nail: Brass, C2680-H

Plating:

Contact: See Ordering Grid
Underplating: 50u" min. Nickel
Fitting Nail: 80u" min. Matte Tin over 50u" min. Nickel

Electrical:

Voltage Rating (Max.): 50V AC/DC
Current Rating (Max.): 0.4A AC/DC
Dielectric Strength: 250V AC for 1 minute
Insulation Resistance: 50 MΩ Min.
Contact Resistance: 40 mΩ Max.

Mechanical & Environmental

Durability: 20 Cycles
Operating Temperature: -25°C to +85°C

Ordering Grid
FFC2B22-XX-X
No. of Contacts: 41 - 54 (see dimension table)
Contact Plating: T = 80u" Tin Plating over all (Standard)
G = Gold Flash over all
Request Samples and Quotation

Part Number		Product Description	
FFC2B22		FFC 0.5mm Pitch Side Entry, Bottom Contact, SMT, Height=2.5mm, Slide Type	
Drawing Date		31st March 2020	
By	CC	Tolerances (Except as Noted)	Units: Metric (mm)
Detail	Drawing Release	Length: X.X ± 0.15 Angle: X.XX ± 0.10	± 1°
Revision	A3	3rd Angle Projection	
Date	06/08/21		

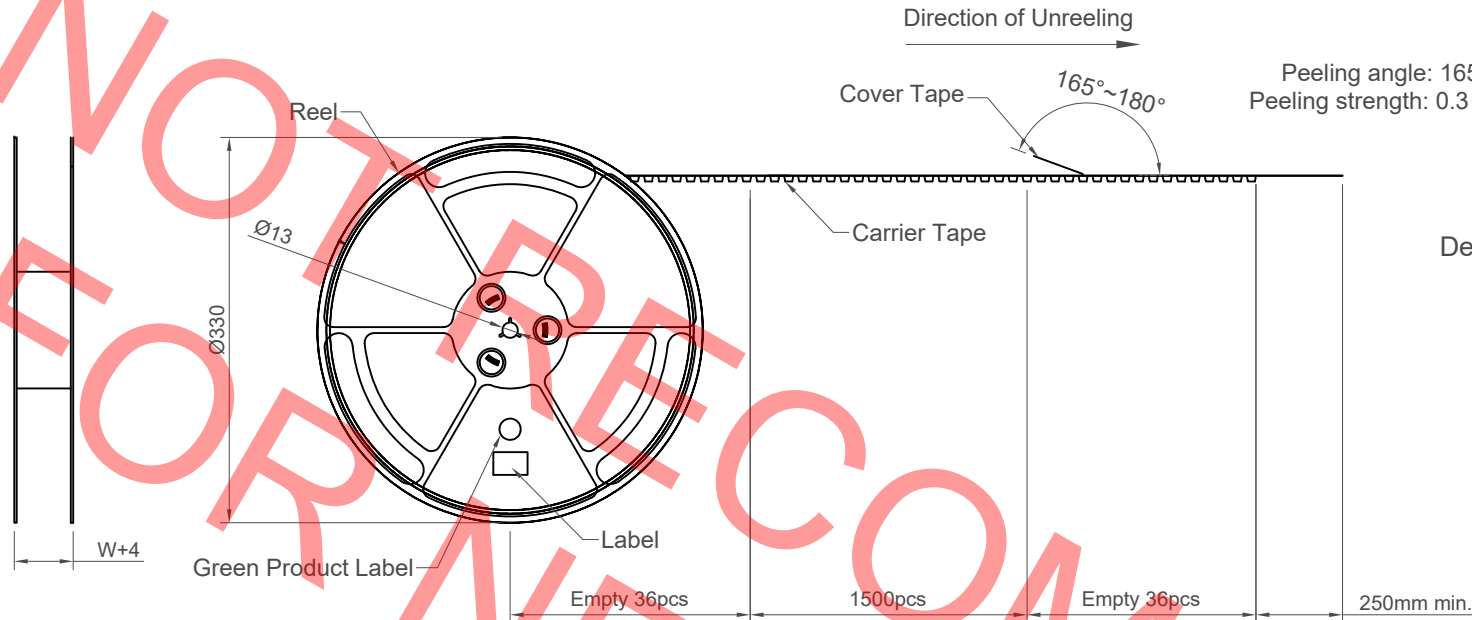


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Not to Scale	Drawn By CC	Sheet No. 1/2
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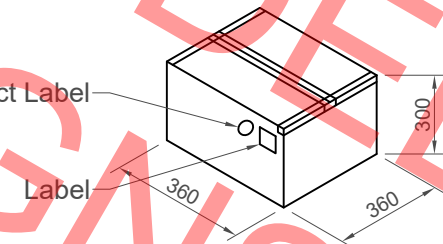
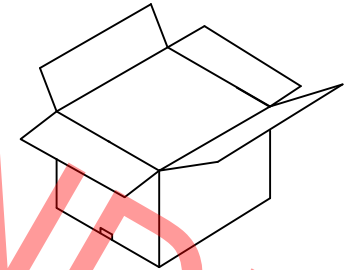
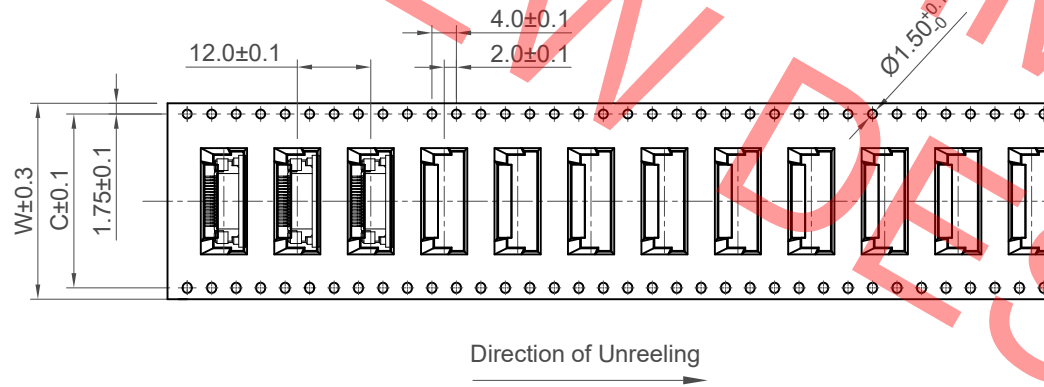
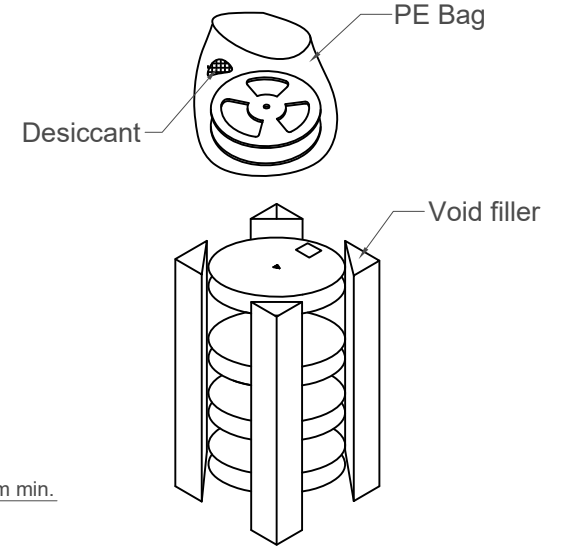
H
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F
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D
C
B
A







Peeling angle: 165°~180°
Peeling strength: 0.3 ~ 0.9 N

Cover Tape

165°~180°



No. of Contacts	W	S	Pcs/Reel	Reel/Carton	Pcs/Carton
41 ~ 49	44	40.4	2000	6	12000
50 ~ 54	56	52.4	2000	4	8000

Part Number		Product Description			 www.gct.co		
FFC2B22		FFC 0.5mm Pitch Side Entry, Bottom Contact,					
Drawing Date		SMT, Height=2.5mm, Slide Type					
31st March 2020							
By	CC	Tolerances (Except as Noted)		Units:	  This drawing is confidential and copyright of Global Connector Technology, Ltd (GCT). This drawing must not be copied or disclosed without written consent. E & OE		
Detail	Drawing Release	Length	Angle	Metric (mm)			
Revision	A3	-	-	 3rd Angle Projection			
Date	06/08/21	-	-				
					Not to Scale	Drawn By CC	Sheet No. 2/2